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# MILK

## PRODUCTION, DISPOSITION, INCOME 1979-81

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### MILK PRODUCTION, DISPOSITION & INCOME 1981

A record high 133 billion pounds of milk was produced during 1981, 3 percent more than the previous record output established during 1980. This record production was the result of a new record high in the output per cow of 12,147 pounds, 258 pounds more than 1980 and a 1 percent increase in the annual average number of cows at 10.9 million head.

Cash receipts from marketings of milk and cream during 1981 were also at a new record high of \$18.1 billion, 9 percent above 1980's record. Larger marketings coupled with a \$.73 gain in producer price accounted for the \$1.49 billion increase from the previous year. Producer returns averaged \$13.87 per hundred pounds of milk sold. Marketings totaled 130 billion pounds, milk equivalent, compared with 126 billion pounds during 1980. Marketings include whole milk and producer-separated cream sold to plants and dealers, as well as milk sold directly to consumers.

An estimated 2.32 billion pounds of milk were used where produced, 1 percent less than a year earlier. Calves were fed 61 percent of the total with the remainder consumed in producers households as fluid milk, cream and butter.

### 1981 MILK PRICES AND FAT TEST

Milk prices and fat test for all States for 1981, including revisions where necessary, are shown on pages 3, 8, 10, and 11.

## MILK COWS AND PRODUCTION OF MILK AND MILKFAT, UNITED STATES, 1979-81

YEAR	NUMBER OF MILK COWS <u>1/</u>	PRODUCTION OF MILK AND MILKFAT <u>2/</u>				
		PER MILK COW		PERCENTAGE	TOTAL	
				OF FAT IN ALL		
		MILK	MILKFAT	MILK PRODUCED	MILK	MILKFAT
	THOUSANDS	POUNDS		PERCENT	MILLION POUNDS	
1979	10,743	11,488	421	3.66	123,411	4,518
1980	10,810	11,889	434	3.65	128,525	4,696
1981	10,919	12,147	442	3.64	132,634	4,827

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

## MILK USED AND MARKETING BY PRODUCERS, UNITED STATES, 1979-81

YEAR	MILK USED WHERE PRODUCED			MILK MARKETING BY PRODUCERS		
	FED	USED FOR	TOTAL	SOLD TO PLANTS	SOLD	TOTAL
	TO	MILK, CREAM:		AND DEALERS	DIRECTLY TO	
	CALVES <u>1/</u>	AND BUTTER		AS WHOLE	CONSUMERS <u>3/</u>	
				MILK <u>2/</u>		
MILLION POUNDS						
1979	1,437	1,031	2,468	119,440	1,502	120,942
1980	1,395	943	2,338	124,717	1,470	126,187
1981	1,420	902	2,322	128,809	1,503	130,312

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES MILK PRODUCED BY DEALERS' OWN HERDS AND SMALL AMOUNTS SOLD DIRECT TO CONSUMERS. ALSO INCLUDES EQUIVALENT AMOUNTS OF MILK FOR CREAM SOLD TO PLANTS AND DEALERS. 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.

## MILK AND CREAM MARKETING BY PRODUCERS: QUANTITY, PRICE, AND CASH RECEIPTS, UNITED STATES, 1979-81

YEAR	MILK SOLD TO PLANTS AND DEALERS				MILK SOLD DIRECTLY TO CONSUMERS			
	QUANTITY	PRICE PER 100 LB	CASH RECEIPTS		QUANTITY	PRICE PER QUART	CASH RECEIPTS	
	MIL LBS	DOL	1,000 DOL	1,000 LBS CT	1,000 DOL	1,000 QT CT	1,000 DOL	
1979	119,440	12.00	14,354,373	698,759	42.3	295,864		
1980	124,717	13.00	16,274,044	683,490	45.3	309,488		
1981	128,809	13.80	17,738,844	699,165	48.4	338,253		

## MARKETING, INCOME, AND VALUE OF MILK PRODUCTION, UNITED STATES 1979-81

YEAR	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK, : CREAM AND BUTTER:			
	MILK UTILIZED	AVERAGE RETURNS <u>1/</u> :		CASH RECEIPTS FROM MARKETINGS	WHERE PRODUCED	GROSS PRODUCERS INCOME <u>3/</u>	VALUE OF ALL MILK PRODUCED <u>2/ 4/</u>	
		PER 100	PER					
		POUNDS	POUND OF:					
		OF MILK	MILK FAT:		MILK : UTILIZED: <u>2/</u>	VALUE : 2/		
	MIL LBS	DOLLARS		1,000 DOL	MIL LBS	1,000 DOL		
1979	120,942	12.11	3.31	14,650,237	1,031	125,975	14,776,212	14,949,279
1980	126,187	13.14	3.60	16,583,532	943	124,813	16,708,345	16,890,254
1981	130,312	13.87	3.81	18,077,097	902	126,347	18,203,444	18,398,974

1/ CASH RECEIPTS DIVIDED BY MILK OR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUE AT AVERAGE RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.



## MILK COWS AND PRODUCTION OF MILK AND MILKFAT, BY STATES, 1980

STATE	:	:	PRODUCTION OF MILK AND MILKFAT 2/			
			PER MILK COW	PERCENTAGE	T O T A L	
					:	:
	NUMBER OF					
	MILK COWS					
	1/					
			MILK	MILKFAT	MILK PRODUCED	MILK : MILKFAT
	THOUSANDS	POUNDS		PERCENT	MIL	LBS
ALA	68	8971	327	3.64	610	22
ALAS	1.1	11364	407	3.58	12.5	0.4
ARIZ	75	13747	496	3.61	1031	37
ARK	81	9198	328	3.57	745	27
CALIF	896	15153	547	3.61	13577	490
COLO	71	12085	434	3.59	858	31
CONN	48	12750	458	3.59	612	22
DEL	10.4	12019	442	3.68	125	4.6
FLA	187	10845	373	3.44	2028	70
GA	130	10515	381	3.62	1367	49
HAW	13	11692	402	3.44	152	5.2
IDAHO	154	12643	453	3.58	1947	70
ILL	233	10901	404	3.71	2540	94
IND	201	10995	410	3.73	2210	82
IOWA	376	10926	401	3.67	4108	151
KANS	123	10813	391	3.62	1330	48
KY	242	9169	337	3.68	2219	82
LA	114	8877	318	3.58	1012	36
MAINE	56	11875	430	3.62	665	24
MD	123	12358	460	3.72	1520	57
MASS	46	12391	447	3.61	570	21
MICH	395	12582	462	3.67	4970	182
MINN	862	11061	403	3.64	9535	347
MISS	98	8337	306	3.67	817	30
MO	257	10996	399	3.63	2826	103
MONT	29	10828	383	3.54	314	11
NEBR	121	10868	397	3.65	1315	48
NEV	15	14593	512	3.51	219	7.7
N H	30	11567	425	3.67	347	13
N J	41	12049	441	3.66	494	18
N MEX	45	13378	470	3.51	602	21
N Y	911	12046	435	3.61	10974	396
N C	134	12172	442	3.63	1631	59
N DAK	93	10097	360	3.57	939	34
OHIO	375	11493	424	3.69	4310	159
OKLA	111	10000	359	3.59	1110	40
OREG	95	12305	466	3.79	1169	44
PA	711	11949	443	3.71	8496	315
R I	4.1	11463	412	3.59	47	1.7
S C	48	11271	431	3.82	541	21
S DAK	159	10497	379	3.61	1669	60
TENN	214	10472	390	3.72	2241	83
TEX	317	11435	405	3.54	3625	128
UTAH	78	13179	468	3.55	1028	36
VT	186	12306	449	3.65	2289	84
VA	171	11544	418	3.62	1974	71
WASH	201	14637	536	3.66	2942	108
W VA	37	9459	348	3.68	350	13
WIS	1815	12331	460	3.73	22380	835
WYO	12	11000	394	3.58	132	4.7
U S	10810	11889	434	3.65	128525	4696

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. U.S. TOTAL WILL NOT ADD DUE TO ROUNDING. 2/ EXCLUDES MILK SUCKED BY CALVES.

## MILK USED AND MARKETING BY PRODUCERS, BY STATES, 1980

STATE	MILK USED WHERE PRODUCED			MILK MARKETING BY PRODUCERS		
	FED TO CALVES 1/	USED FOR MILK CREAM AND BUTTER	TOTAL	SOLD TO PLANTS AND DEALERS 2/	SOLD DIRECTLY TO CONSUMERS 3/ 4/	TOTAL
M I L L I O N P O U N D S						
ALA	5	12	17	575	18	593
ALAS	0.3	0.4	0.7	11.3	0.5	11.8
ARIZ	5	1	6	1020	5	1025
ARK	9	24	33	712		712
CALIF	53	8	61	13170	346	13516
COLO	35	14	49	775	34	809
CONN	6	4	10	585	17	602
DEL	1	1	2	122	1	123
FLA	8	11	19	2009		2009
GA	11	10	21	1346		1346
HAW	1.6	1	2.6	149.4		149.4
IDAHO	43	11	54	1875	18	1893
ILL	21	12	33	2507		2507
IND	19	13	32	2178		2178
IOWA	59	49	108	4000		4000
KANS	18	9	27	1300	3	1303
KY	25	64	89	2130		2130
LA	4	20	24	975	13	988
MAINE	8	4	12	645	8	653
MD	9	8	17	1495	8	1503
MASS	6	4	10	530	30	560
MICH	55	25	80	4870	20	4890
MINN	47	23	70	9465		9465
MISS	1	13	14	795	8	803
MO	24	12	36	2780	10	2790
MONT	7	9	16	295	3	298
NEBR	17	17	34	1281		1281
NEV	3	2	5	214		214
N H	6	3	9	330	8	338
N J	6	4	10	466	18	484
N MEX	5	9	14	575	13	588
N Y	143	82	225	10670	79	10749
N C	16	55	71	1540	20	1560
N DAK	23	12	35	904		904
OHIO	40	35	75	4220	15	4235
OKLA	14	17	31	1065	14	1079
OREG	32	13	45	1070	54	1124
PA	60	42	102	7930	464	8394
R I	1	1	2	43	2	45
S C	5	7	12	515	14	529
S DAK	16	13	29	1635	5	1640
TENN	40	45	85	2150	6	2156
TEX	34	11	45	3540	40	3580
UTAH	9	9	18	985	25	1010
VT	27	17	44	2240	5	2245
VA	11	11	22	1952		1952
WASH	29	6	35	2785	122	2907
W VA	8	10	18	322	10	332
WIS	365	157	522	21845	13	21858
WYO	4	3	7	125		125
U S 5/	1395	943	2338	124717	1470	126187

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES THE EQUIVALENT AMOUNTS OF MILK FOR CREAM SOLD TO PLANTS AND DEALERS AND MILK PRODUCED BY DEALER'S OWN HERDS (EXCEPT FOR N Y AND CALIF, WHERE SUCH MILK IS INCLUDED AS SOLD DIRECTLY TO CONSUMERS). 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 4/ FOR STATES NOT PUBLISHED, SALES ARE NOMINAL. INCLUDED IN MILK SOLD TO PLANTS. 5/ TOTAL MILK SOLD PLUS USED ON FARMS DOES NOT EQUAL TOTAL MILK PRODUCED DUE TO ROUNDING.

## MILK MARKETED BY PRODUCERS: QUANTITY, PRICE AND CASH RECEIPTS, BY STATES, 1980

STATE	MILK SOLD TO PLANTS AND DEALERS 1/				MILK SOLD DIRECTLY TO CONSUMERS 5/			
	QUANTITY	PERCENT FLUID GRADE 2/	PRICE PER 100 LBS	CASH RECEIPTS	QUANTITY	PRICE PER QUART	CASH RECEIPTS	
	MIL	LBS	PCT	DOLLARS	1000 DOL	1000 QTS	CT	1000 DOL
ALA	575		98	14.40	82800	8372	50	4186
ALAS	11.3		100	17.50	1978	233	60	140
ARIZ	1020		100	13.40	136680	2326	41	954
ARK	712		87	13.50	96120			
CALIF	13170		96	12.88	1696296	160930	46	74028
COLO	775		3/	14.00	108500	15814	50	7907
CONN	585		100	13.60	79560	7907	52	4112
DEL	122		100	13.60	16592	465	50	233
FLA	2009		100	15.80	317422			
GA	1346		100	14.00	188440			
HAW	149.4		100	18.12	4/27071			
IDAHO	1875		42	12.20	228750	8372	60	5023
ILL	2507		80	12.90	323403			
IND	2178		90	13.00	283140			
IOWA	4000		59	12.60	504000			
KANS	1300		83	13.10	170300	1395	50	698
KY	2130		82	12.80	272640			
LA	975		100	14.10	137475	6047	51	3084
MAINE	645		100	13.90	89655	3721	51	1898
MD	1495		100	13.60	203320	3721	50	1861
MASS	530		100	13.70	72610	13953	51	7116
MICH	4870		95	13.20	642840	9302	50	4651
MINN	9465		59	12.40	1173660			
MISS	795		96	13.80	109710	3721	52	1935
MO	2780		75	12.60	350280	4651	51	2372
MONT	295		93	12.80	37760	1395	47	656
NEBR	1281		58	12.70	162687			
NEV	214		100	12.70	27178			
N H	330		100	13.60	44880	3721	52	1935
N J	466		100	13.38	62351	8372	43	3600
N MEX	575		100	14.10	81075	6047	53	3205
N Y	10670		100	13.00	1387100	36744	46	16902
N C	1540		96	14.00	215600	9302	55	5116
N DAK	904		43	11.80	106672			
OHIO	4220		92	13.00	548600	6977	57	3977
OKLA	1065		89	13.60	144840	6512	58	3777
OREG	1070		89	13.10	140170	25116	45	11302
PA	7930		99	13.60	1078480	215814	40	86326
R I	43		100	13.70	5891	930	52	484
S C	515		100	14.50	74675	6512	53	3451
S DAK	1635		32	12.40	202740	2326	50	1163
TENN	2150		89	13.30	285950	2791	47	1312
TEX	3540		100	13.90	492060	18605	59	10977
UTAH	985		70	12.50	123125	11628	38	4419
VT	2240		100	13.40	300160	2326	51	1186
VA	1952		93	13.30	259616			
WASH	2785		100	12.70	353695	56744	43	24400
W VA	322		3/	13.00	41860	4651	59	2744
WIS	21845		71	12.67	2767762	6047	39	2358
WYO	125		3/	12.70	15875			
U S	124717		84	13.00	16274044	683490	45.3	309488

1/ INCLUDES THE EQUIVALENT AMOUNTS OF MILK FOR CREAM SOLD TO PLANTS AND DEALERS. 2/ PERCENTAGE OF MILK SOLD TO PLANTS AND DEALERS THAT IS ELIGIBLE FOR FLUID USE (GRADE A IN MOST STATES). INCLUDES FLUID-GRADE MILK USED IN MANUFACTURING DAIRY PRODUCTS. 3/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. 4/ BASED ON UNROUNDED VALUE. INCLUDES MILK SOLD DIRECT TO CONSUMERS. 5/ ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.



## MARKETINGS, INCOME, AND VALUE OF MILK PRODUCTION, BY STATES, 1980

STATE	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK CREAM AND BUTTER		GROSS PRODUCER INCOME 3/	VALUE OF MILK PRODUCED 2/ 4/	
	: AVERAGE RETURNS 1/ :				: WHERE PRODUCED :				
	: CASH RECEIPTS FROM MARKETINGS :				: MILK UTILIZED : VALUE 2/ :				
	MILK UTILIZED	PER 100 POUNDS MILK	PER POUND MILKFAT	RECEIPTS FROM MARKETINGS	MILK UTILIZED	VALUE 2/			
	MIL	LBS	DOLLARS	1000 DOL	MIL	LBS	1000 DOLLARS		
ALA	593		14.67	4.03	86986	12	1760	88746	89487
ALAS	11.8		17.95	5.01	2118	0.4	72	2190	2244
ARIZ	1025		13.43	3.72	137634	1	134	137768	138463
ARK	712		13.50	3.78	96120	24	3240	99360	100575
CALIF	13516		13.10	3.63	1770324	8	1048	1771372	1778587
COLO	809		14.39	4.01	116407	14	2015	118422	123466
CONN	602		13.90	3.87	83672	4	556	84228	85068
DEL	123		13.68	3.72	16825	1	137	16962	17100
FLA	2009		15.80	4.59	317422	11	1738	319160	320424
GA	1346		14.00	3.87	188440	10	1400	189840	191380
HAW	149.4		18.12	5.27	27071	1	181	27252	27542
IDAHO	1893		12.35	3.45	233773	11	1359	235132	240455
ILL	2507		12.90	3.48	323403	12	1548	324951	327660
IND	2178		13.00	3.49	283140	13	1690	284830	287300
IOWA	4000		12.60	3.43	504000	49	6174	510174	517608
KANS	1303		13.12	3.62	170998	9	1181	172179	174496
KY	2130		12.80	3.48	272640	64	8192	280832	284032
LA	988		14.23	3.97	140559	20	2846	143405	144008
MAINE	653		14.02	3.87	91553	4	561	92114	93233
MD	1503		13.65	3.67	205181	8	1092	206273	207480
MASS	560		14.24	3.94	79726	4	570	80296	81168
MICH	4890		13.24	3.61	647491	25	3310	650801	658028
MINN	9465		12.40	3.41	1173660	23	2852	1176512	1182340
MISS	803		13.90	3.79	111645	13	1807	113452	113563
MO	2790		12.64	3.48	352652	12	1517	354169	357206
MONT	298		12.89	3.64	38416	9	1160	39576	40475
NEBR	1281		12.70	3.48	162687	17	2159	164846	167005
NEV	214		12.70	3.62	27178	2	254	27432	27813
N H	338		13.85	3.77	46815	3	416	47231	48060
N J	484		13.63	3.72	65951	4	545	66496	67332
N MEX	588		14.33	4.08	84280	9	1290	85570	86267
N Y	10749		13.06	3.62	1404002	82	10709	1414711	1433204
N C	1560		14.15	3.90	220716	55	7783	228499	230787
N DAK	904		11.80	3.31	106672	12	1416	108088	110802
OHIO	4235		13.05	3.54	552577	35	4568	557145	562455
OKLA	1079		13.77	3.84	148617	17	2341	150958	152847
OREG	1124		13.48	3.56	151472	13	1752	153224	157581
PA	8394		13.88	3.74	1164806	42	5830	1170636	1179245
R I	45		14.17	3.95	6375	1	142	6517	6660
S C	529		14.77	3.87	78126	7	1034	79160	79906
S DAK	1640		12.43	3.44	203903	13	1616	205519	207457
TENN	2156		13.32	3.58	287262	45	5994	293256	298501
TEX	3580		14.05	3.97	503037	11	1546	504583	509313
UTAH	1010		12.63	3.56	127544	9	1137	128681	129836
VT	2245		13.42	3.68	301346	17	2281	303627	307184
VA	1952		13.30	3.67	259616	11	1463	261079	262542
WASH	2907		13.01	3.55	378095	6	781	378876	382754
W VA	332		13.43	3.65	44604	10	1343	45947	47005
WIS	21858		12.67	3.40	2770120	157	19892	2790012	2835546
WYO	125		12.70	3.55	15875	3	381	16256	16764
U S	126187		13.14	3.60	16583532	943	124813	16708345	16890254

1/ CASH RECEIPTS DIVIDED BY MILK FOR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUED AT AVERAGED RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.

## MILK COWS AND PRODUCTION OF MILK AND MILKFAT, BY STATES, 1981

STATE	NUMBER OF MILK COWS 1/	PRODUCTION OF MILK AND MILKFAT 2/				
		PER MILK COW	PERCENTAGE OF FAT IN ALL MILK PRODUCED	T O T A L		
				MILK	MILKFAT	
						MILK
	THOUSANDS	POUNDS	PERCENT	MIL	LBS	
ALA	63	9238	334	3.62	582	21
ALAS	1.1	12182	436	3.58	13.4	0.5
ARIZ	77	14714	530	3.60	1133	41
ARK	82	9671	344	3.56	793	28
CALIF	923	15432	554	3.59	14244	511
COLO	73	12712	451	3.55	928	33
CONN	48	12917	468	3.62	620	22
DEL	9.9	12525	462	3.69	124	4.6
FLA	189	11016	382	3.47	2082	72
GA	130	10738	390	3.63	1396	51
HAW	12.7	11811	412	3.49	150	5.2
IDAHO	166	13012	466	3.58	2160	77
ILL	233	11176	411	3.68	2604	96
IND	206	11078	412	3.72	2282	85
IOWA	382	11251	412	3.66	4298	157
KANS	124	11266	410	3.64	1397	51
KY	242	9426	347	3.68	2281	84
LA	107	9280	331	3.57	993	35
MAINE	57	12263	448	3.65	699	26
MD	122	12754	469	3.68	1556	57
MASS	46	12565	456	3.63	578	21
MICH	393	12985	473	3.64	5103	186
MINN	886	11356	412	3.63	10061	365
MISS	97	8711	318	3.65	845	31
MO	249	11554	419	3.63	2877	104
MONT	29	11414	403	3.53	331	12
NEBR	123	11382	414	3.64	1400	51
NEV	15.6	14231	504	3.54	222	7.9
N H	29	11862	438	3.69	344	13
N J	41	12049	442	3.67	494	18
N MEX	51	13137	461	3.51	670	24
N Y	912	12163	439	3.61	11093	400
N C	134	12343	451	3.65	1654	60
N DAK	93	10355	371	3.58	963	34
OHIO	380	11539	425	3.68	4385	161
OKLA	110	10455	376	3.60	1150	41
OREG	97	12577	470	3.74	1220	46
PA	721	12434	456	3.67	8965	329
R I	3.9	11795	423	3.59	46	1.7
S C	48	11500	445	3.87	552	21
S DAK	158	11120	401	3.61	1757	63
TENN	214	10729	398	3.71	2296	85
TEX	324	11312	399	3.53	3665	129
UTAH	83	13373	471	3.52	1110	39
VT	186	12371	453	3.66	2301	84
VA	172	11680	425	3.64	2009	73
WASH	205	14717	537	3.65	3017	110
W VA	36	9722	358	3.68	350	13
WIS	1825	12441	462	3.71	22705	842
WYO	12	11333	402	3.55	136	4.8
U S	10919	12147	442	3.64	132634	4827

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. U.S. TOTAL WILL NOT ADD DUE TO ROUNDING. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK USED AND MARKETING BY PRODUCERS, BY STATES, 1981

STATE	MILK USED WHERE PRODUCED			MILK MARKETED BY PRODUCERS		
	FED TO CALVES 1/	USED FOR MILK CREAM AND BUTTER	TOTAL	SOLD TO PLANTS AND DEALERS 2/	SOLD DIRECTLY TO CONSUMERS 3/ 4/	TOTAL
M I L L I O N P O U N D S						
ALA	5	12	17	550	15	565
ALAS	0.3	0.4	0.7	12.5	0.2	12.7
ARIZ	7	1	8	1120	5	1125
ARK	10	25	35	758		758
CALIF	50	8	58	13810	376	14186
COLO	37	12	49	845	34	879
CONN	6	4	10	595	15	610
DEL	1	1	2	122		122
FLA	5	8	13	2069		2069
GA	11	9	20	1376		1376
HAW	1.3	0.8	2.1	147.9		147.9
IDAHO	45	7	52	2090	18	2108
ILL	25	10	35	2569		2569
IND	20	13	33	2249		2249
IOWA	53	40	93	4205		4205
KANS	18	10	28	1365	4	1369
KY	31	59	90	2191		2191
LA	4	21	25	955	13	968
MAINE	8	4	12	680	7	687
MD	7	6	13	1543		1543
MASS	5	4	9	540	29	569
MICH	63	25	88	4995	20	5015
MINN	50	21	71	9990		9990
MISS	1	11	12	825	8	833
MO	25	12	37	2840		2840
MONT	9	10	19	309	3	312
NEBR	15	15	30	1370		1370
NEV	3	2	5	217		217
N H	6	2	8	328	8	336
N J	6	4	10	467	17	484
N MEX	5	10	15	640	15	655
N Y	160	82	242	10770	81	10851
N C	15	59	74	1560	20	1580
N DAK	22	12	34	929		929
OHIO	34	27	61	4310	14	4324
OKLA	12	17	29	1105	16	1121
OREG	32	13	45	1125	50	1175
PA	70	45	115	8365	485	8850
R I	1	1	2	42	2	44
S C	5	7	12	525	15	540
S DAK	10	12	22	1730	5	1735
TENN	40	45	85	2205	6	2211
TEX	36	11	47	3575	43	3618
UTAH	12	10	22	1060	28	1088
VT	26	15	41	2255	5	2260
VA	13	10	23	1986		1986
WASH	18	3	21	2870	126	2996
W VA	6	7	13	330	7	337
WIS	371	156	527	22165	13	22178
WYO	4	3	7	129		129
U S 5/	1420	902	2322	128809	1503	130312

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES THE EQUIVALENT AMOUNTS OF MILK FOR CREAM SOLD TO PLANTS AND DEALERS AND MILK PRODUCED BY DEALERS' OWN HERDS (EXCEPT FOR N Y AND CALIF, WHERE SUCH MILK IS INCLUDED AS SOLD DIRECTLY TO CONSUMERS). 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 4/ FOR STATES NOT PUBLISHED, SALES ARE NOMINAL. INCLUDED IN MILK SOLD TO PLANTS. 5/ TOTAL MILK SOLD PLUS USED ON FARMS DOES NOT EQUAL TO MILK PRODUCED DUE TO ROUNDING.

## MILK MARKETED BY PRODUCERS: QUANTITY, PRICE AND CASH RECEIPTS, BY STATES, 1981

STATE	MILK SOLD TO PLANTS AND DEALERS 1/					MILK SOLD DIRECTLY TO CONSUMERS 5/		
	QUANTITY	PERCENT FLUID GRADE 2/	PRICE PER 100 LBS	CASH RECEIPTS		QUANTITY	PRICE PER QUART	CASH RECEIPTS
	MIL LBS	PCT	DOLLARS	1000 DOL		1000 QTS	CT	1000 DOL
ALA	550	98	14.70	80850		6977	57	3977
ALAS	12.5	100	19.20	2400		93	70	65
ARIZ	1120	100	14.10	157920		2326	43	1000
ARK	758	88	14.50	109910				
CALIF	13810	96	13.43	1854683		174884	52	90940
COLO	845	3/	14.90	125905		15814	53	8381
CONN	595	100	14.50	86275		6977	54	3768
DEL	122	100	14.30	17446				
FLA	2069	100	16.80	347592				
GA	1376	100	14.70	202272				
HAW	147.9	100	20.50	4/30320				
IDAHO	2090	44	12.80	267520		8372	64	5358
ILL	2569	80	13.80	354522				
IND	2249	90	13.80	310362				
IOWA	4205	61	13.30	559265				
KANS	1365	84	14.00	191100		1860	59	1097
KY	2191	83	13.60	297976				
LA	955	100	14.90	142295		6047	54	3265
MAINE	680	100	14.80	100640		3256	53	1726
MD	1543	100	14.30	220649				
MASS	540	100	14.60	78840		13488	53	7149
MICH	4995	96	13.80	689310		9302	50	4651
MINN	9990	61	13.08	1306692				
MISS	825	96	14.40	118800		3721	55	2047
MO	2840	76	13.40	380560				
MONT	309	94	13.40	41406		1395	50	698
NEBR	1370	60	13.40	183580				
NEV	217	100	13.40	29078				
N H	328	100	14.50	47560		3721	52	1935
N J	467	100	14.10	65847		7907	46	3637
N MEX	640	100	15.30	97920		6977	57	3977
N Y	10770	100	13.80	1486260		37674	50	18837
N C	1560	96	15.00	234000		9302	60	5581
N DAK	929	43	12.60	117054				
OHIO	4310	92	13.80	594780		6512	58	3777
OKLA	1105	90	14.40	159120		7442	62	4614
OREG	1125	90	13.90	156375		23256	45	10465
PA	8365	99	14.20	1187830		225581	42	94744
R I	42	100	14.50	6090		930	54	502
S C	525	100	15.60	81900		6977	66	4605
S DAK	1730	36	12.90	223170		2326	50	1163
TENN	2205	88	13.90	306495		2791	48	1340
TEX	3575	100	14.80	529100		20000	59	11800
UTAH	1060	68	13.10	138860		13023	40	5209
VT	2255	100	14.30	322465		2326	53	1233
VA	1986	93	14.10	280026				
WASH	2870	100	13.50	387450		58605	45	26372
W VA	330	3/	13.80	45540		3256	59	1921
WIS	22165	72	13.38	2965677		6047	40	2419
WYO	129	3/	13.30	17157				
U S	128809	85	13.80	17738844		699165	48.4	338253

1/ INCLUDES THE EQUIVALENT AMOUNTS OF MILK FOR CREAM SOLD TO PLANTS AND DEALERS. 2/ PERCENTAGE OF MILK SOLD TO PLANTS AND DEALERS THAT IS ELIGIBLE FOR FLUID USE (GRADE A IN MOST STATES). INCLUDES FLUID-GRADE MILK USED IN MANUFACTURING DAIRY PRODUCTS. 3/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. 4/ BASED ON UNROUNDED VALUE. INCLUDES MILK SOLD DIRECT TO CONSUMERS. 5/ ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.



MARKETINGS, INCOME, AND VALUE OF MILK PRODUCTION, BY STATES, 1981

STATE	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK CREAM AND BUTTER		GROSS PRODUCER INCOME 3/	VALUE OF MILK PRODUCED 2/ 4/	
	AVERAGE RETURNS 1/				WHERE PRODUCED				
	MILK UTILIZED	PER 100	PER	CASH RECEIPTS	MILK UTILIZED	VALUE 2/			
		POUNDS	POUND	FROM MARKETINGS					
		MILK	MILKFAT						
	MIL	LBS	DOLLARS	1000 DOL	MIL	LBS	1000 DOLLARS		
ALA	565		15.01	4.15	84827	12	1801	86628	87358
ALAS	12.7		19.41	5.42	2465	0.4	78	2543	2601
ARIZ	1125		14.13	3.93	158920	1	141	159061	160093
ARK	758		14.50	4.07	109910	25	3625	113535	114985
CALIF	14186		13.72	3.82	1945623	8	1098	1946721	1954277
COLO	879		15.28	4.30	134286	12	1834	136120	141798
CONN	610		14.76	4.08	90043	4	590	90633	91512
DEL	122		14.30	3.88	17446	1	143	17589	17732
FLA	2069		16.80	4.84	347592	8	1344	348936	349776
GA	1376		14.70	4.05	202272	9	1323	203595	205212
HAW	147.9		20.50	5.87	30320	0.8	164	30484	30750
IDAHO	2108		12.94	3.61	272878	7	906	273784	279504
ILL	2569		13.80	3.75	354522	10	1380	355902	359352
IND	2249		13.80	3.71	310362	13	1794	312156	314916
IOWA	4205		13.30	3.63	559265	40	5320	564585	571634
KANS	1369		14.04	3.86	192197	10	1404	193601	196139
KY	2191		13.60	3.70	297976	59	8024	306000	310216
LA	968		15.04	4.21	145560	21	3158	148718	149347
MAINE	687		14.90	4.08	102366	4	596	102962	104151
MD	1543		14.30	3.89	220649	6	858	221507	222508
MASS	569		15.11	4.16	85989	4	604	86593	87336
MICH	5015		13.84	3.80	693961	25	3460	697421	706255
MINN	9990		13.08	3.60	1306692	21	2747	1309439	1315979
MISS	833		14.51	3.98	120847	11	1596	122443	122610
MO	2840		13.40	3.69	380560	12	1608	382168	385518
MONT	312		13.49	3.82	42104	10	1349	43453	44652
NEBR	1370		13.40	3.68	183580	15	2010	185590	187600
NEV	217		13.40	3.79	29078	2	268	29346	29748
N H	336		14.73	3.99	49495	2	295	49790	50671
N J	484		14.36	3.91	69484	4	574	70058	70938
N MEX	655		15.56	4.43	101897	10	1556	103453	104252
N Y	10851		13.87	3.84	1505097	82	11373	1516470	1538599
N C	1580		15.16	4.15	239581	59	8944	248525	250746
N DAK	929		12.60	3.52	117054	12	1512	118566	121338
OHIO	4324		13.84	3.76	598557	27	3737	602294	606884
OKLA	1121		14.61	4.06	163734	17	2484	166218	168015
OREG	1175		14.20	3.80	166840	13	1846	168686	173240
PA	8850		14.49	3.95	1282574	45	6521	1289095	1299029
R I	44		14.98	4.17	6592	1	150	6742	6891
S C	540		16.02	4.14	86505	7	1121	87626	88430
S DAK	1735		12.93	3.58	224333	12	1552	225885	227180
TENN	2211		13.92	3.75	307835	45	6264	314099	319603
TEX	3618		14.95	4.24	540900	11	1645	542545	547918
UTAH	1088		13.24	3.76	144069	10	1324	145393	146964
VT	2260		14.32	3.91	323698	15	2148	325846	329503
VA	1986		14.10	3.87	280026	10	1406	281432	283269
WASH	2996		13.81	3.78	413822	3	414	414236	416648
W VA	337		14.08	3.83	47461	7	986	48447	49280
WIS	22178		13.38	3.61	2968096	156	20873	2988969	3037929
WYO	129		13.30	3.75	17157	3	399	17556	18088
U S	130312		13.87	3.81	18077097	902	126347	18203444	18398974

1/ CASH RECEIPTS DIVIDED BY MILK FOR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUED AT AVERAGED RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.



SUPPLY AND UTILIZATION OF MILK, UNITED STATES, 1979-81 <sup>1/</sup>

ITEM	1979	1980	1981
		MIL LBS	
MILK PRODUCTION	123,411	128,525	132,634
NET IMPORTS OF INGREDIENTS (M.E.) <sup>2/</sup>	234	202	177
NET CHANGE IN STORAGE CREAM (M.E.) <sup>3/</sup>	24	-3	11
TOTAL SUPPLY	123,669	128,724	132,822
UTILIZATION (MILK EQUIVALENT)			
USED IN MANUFACTURED PRODUCTS--			
CREAMERY BUTTER, TOTAL M.E.	22,191	25,824	27,806
M.E. OF BUTTER FROM WHEY CREAM	2,810	2,998	3,262
NET MILK EQUIVALENT	19,381	22,826	24,544
CHEESE:			
AMERICAN	21,856	23,765	26,212
OTHER	9,701	10,160	10,271
COTTAGE CHEESE, CREAMED	1,028	1,016	977
CANNED MILK:			
EVAPORATED, SWEETENED CONDENSED	1,752	1,594	1,669
BULK CONDENSED WHOLE MILK:			
UNSWEETENED	381	377	475
SWEETENED	187	147	164
DRY WHOLE MILK	627	607	686
ICE CREAM AND OTHER FROZEN DAIRY PRODUCTS,			
TOTAL M.E.	13,767	14,010	14,085
M.E. OF BUTTER AND CONDENSED MILK USED			
IN ICE CREAM	2,088	2,084	2,116
NET MILK EQUIVALENT	11,679	11,926	11,969
OTHER MANUFACTURED PRODUCTS <sup>4/</sup>	912	909	821
TOTAL MANUFACTURED PRODUCTS	67,504	73,327	77,788
AVAILABLE FOR USE IN FLUID PRODUCTS			
SOLD BY DEALERS	49,884	49,385	48,743
SOLD BY PRODUCERS DIRECTLY TO CONSUMERS <sup>5/</sup>	1,502	1,470	1,503
TOTAL AVAILABLE FOR FLUID PRODUCTS	51,386	50,855	50,246
USED WHERE PRODUCED--			
FED TO CALVES	1,437	1,395	1,420
CONSUMED AS FLUID MILK, CREAM AND FARM-			
CHURNED BUTTER	1,031	943	902
TOTAL USED BY PRODUCERS	2,468	2,338	2,322
RESIDUAL <sup>6/</sup>	2,311	2,204	2,466
TOTAL UTILIZATION	123,669	128,724	132,822

1/ MILK PRODUCTION PLUS THE MILK EQUIVALENT OF NET IMPORTS OF DAIRY MANUFACTURING INGREDIENTS AND NET OUT-OF-STORAGE MOVEMENT OF CREAM EQUALS TOTAL SUPPLY. DATA ON MILK USED IN MANUFACTURING PRODUCTS ARE BASED ON TOTAL MILKFAT REQUIRED TO PRODUCE THE PRODUCTS AND INCLUDE THE MILK EQUIVALENT OF ANY IMPORTED INGREDIENTS USED. 2/ WHOLE MILK EQUIVALENT (MILKFAT BASIS) OF NET IMPORTS OF DAIRY MANUFACTURING INGREDIENTS SUCH AS FROZEN CREAM AND BUTTERFAT-SUGAR MIXTURES. 3/ WHOLE MILK EQUIVALENT OF NET OUT-OF-STORAGE MOVEMENT OF FLUID AND PLASTIC CREAM DURING THE YEAR. A NEGATIVE FIGURE REPRESENTS A NET MOVEMENT OF CREAM INTO STORAGE. 4/ WHOLE MILK EQUIVALENT OF DRY CREAM, MALTED MILK POWDER, PART-SKIM DRY MILK, DRY OR CONCENTRATED ICE CREAM MIX, DEHYDRATED BUTTERFAT AND OTHER MISCELLANEOUS PRODUCTS USING MILKFAT. 5/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 6/ RESIDUAL, INCLUDES MINOR MISCELLANEOUS USES AND ANY INACCURACIES IN PRODUCTION AND UTILIZATION ESTIMATES.





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